

Discipline	Query	Num. of Nodes	Num. of Edges (2021)	Selected Concepts
Covid-19	How Is The Effectiveness Of Vaccines For Covid-19	106	815	public health, clinical trial, infectious diseases
Covid-19	How Many Variants Does Covid-19 Have?	88	370	amino acid, single nucleotide polymorphism, breast cancer
Covid-19	What Do We Know About Asymptomatic Transmission Of Covid-19?	110	642	public health, polymerase chain reaction, united states
Covid-19	What Are The Sequelae Of Covid-19?	116	605	logistic regression, odds ratio, united states
Covid-19	Will The Covid-19 Vaccines And Boosters Work On The New Variants?	125	724	adverse event, clinical trials, haemophilus influenzae
Covid-19	Antibodies And Covid-19	74	402	monoclonal antibody, phage display, amino acid
Covid-19	What Is The Difference Between Covid-19 And Influenza?	110	1062	public health, polymerase chain reaction, united states
Covid-19	What To Do If You Come Into Close Contact With Someone With Covid-19	53	164	public health, severe acute respiratory syndrome, united states
Covid-19	Effective Ways To Prevent Covid-19	72	337	public health, risk factor, health care
Covid-19	Clinical Presentation Of Covid19 In Dementia Patients	130	2034	vascular dementia, frontotemporal dementia, mild cognitive impairment
Covid-19	What Is The Effectiveness Of Drugs Being Developed To Treat Covid-19 Patients?	128	727	clinical trial, adverse event, united states
Covid-19	What Is The Impact Of The Sars-Cov-2 (Covid19) Pandemic On The Morbidity And Mortality Of High Risk Patients Undergoing Surgery	196	4382	logistic regression, odds ratio, confidence interval
Computer Science	Local Community Detection With Hints	68	236	social network, complex network, computational complexity
Computer Science	Bias And Discrimination In Artificial Intelligence	81	857	artificial intelligence, artificial neural network, neural network
Computer Science	The Development Of Artificial Intelligence In China	104	1156	artificial intelligence, neural network, artificial neural network
Computer Science	Interpretability Of Artificial Intelligence	94	1017	artificial intelligence, neural network, artificial neural network
Computer Science	Current Trends Of Computer Graphics	84	318	user interface, virtual reality, graphical user interface
Computer Science	How To Improve The Application Of Machine Learning In Product Development	124	1324	machine learning, neural network, support vector machine
Computer Science	Commercialization Of Artificial Intelligence	92	942	artificial intelligence, neural network, artificial neural network
Computer Science	Natural Language Processing And Pretrained Model	80	862	natural language, natural language processing, machine translation
Computer Science	The Development Of Computer Vision	89	494	image processing, machine vision, visual acuity
Computer Science	The Development Of Graph Neural Network	88	623	neural network, artificial neural network, graph theory
Computer Science	Is Computer Science Considered Science Or Engineering?	95	801	mechanical engineering, life science, social sciences
Computer Science	How Will Artificial Intelligence Develop In The Future?	106	1221	artificial intelligence, neural network, artificial neural network
Geography	A Volcanic Eruption As The Earth'S Devastating Force	134	1309	volcanic eruption, volcanic ash, lava flow
Geography	Features And Qualities Of Coastal Erosion	132	987	remote sensing, climate change, sediment transport
Geography	Assessment Of Climate Sensitivity	147	1826	climate change, climate sensitivity, greenhouse gas
Geography	Geography And Economic Development	92	940	economic geography, economic development, economic growth
Geography	Impact Of Climate Change On Agrometeorological Disasters And Pests And Diseases	152	2671	natural disaster, global warming, food security
Geography	How Human Activities Contribute To Climate Change	157	2688	climate change, global warming, global climate change
Geography	Effect Of Ice Loss On Sea Level Rise	151	3149	sea level, sea level rise, climate change
Geography	Animal Extinction And Ways Of Preventing The Human Role In It	107	718	anxiety disorders, prefrontal cortex, medial prefrontal cortex
Geography	What Is The Impact Of Urban Expansion On Plant Diversity Change In Karst Regions Of Southwest China	118	1288	southwest china, climate change, south china
Geography	Assessment Method Of The Sea Turtle-Nesting Habitat Of Small Reef Islands	144	1734	sea turtle, green turtle, climate change
Geography	What Is The Impact Of Sea Level Rise On Ecological Infrastructure?	167	1960	climate change, storm surge, tide gauge
Geography	What Cause Short Term Sea Level Change In Cretaceous?	176	2490	climate change, late cretaceous, early cretaceous
Geology	Composition Of Geosphere	91	383	climate change, radioactive waste, global warming
Geology	Glacier Mass Change	159	1859	mass balance, climate change, digital elevation model
Geology	Evolution Of Sedimentary Rock Formation Of A Rock Association Level	111	1749	sedimentary rock, source rock, trace element
Geology	Superimposed Metamorphism Of Chinese Coal	94	463	coalbed methane, trace element, functional group
Geology	What Is The Complete Process Of Basin Formation?	107	1414	source rock, late cretaceous, early cretaceous
Geology	Effect Of The Combination Characteristics Of Rock Structural Plane On The Stability Of A Rock-Mass Slope	53	328	finite element, shear strength, open pit
Geology	How Do Geological Plates Change?	109	980	plate tectonics, north america, climate change
Geology	A Case Study Assessment Of Soil Liquefaction Potential	68	323	case histories, peak ground acceleration, shear wave velocity
Geology	Global Distribution Of Carbonate	137	2127	climate change, carbon cycle, carbon dioxide
Geology	What Is The Impact Of Man On Geo-Environment?	111	582	remote sensing, sustainable development, climate change
Geology	Differences In The Influence Of The Tectonic Setting Of The Earth On The Formation Of Magma	109	1421	rare earth element, rare earth, volcanic rock
Geology	Evolution Of Archean Continental Crust	134	1511	continental margin, oceanic crust, partial melting

Table 1: Statistics of queries in Covid-19, Computer Science, Geography, and Geology.

Discipline	Query	Num. of Nodes	Num. of Edges (2021)	Selected Concepts
Mathematics	Birch And Swinnerton-Dyer Conjecture	84	427	betula pendula, growing season, silver birch
Mathematics	Topology And Differential Geometry	82	1100	differential geometry, differential equations, differential forms
Mathematics	What Is The Geometric Meaning For Rigidity In Riemannian Manifolds?	54	382	riemannian geometry, lie group, sectional curvature
Mathematics	Recent Developments In The Navier-Stokes Problem	37	199	finite element, fluid dynamics, reynolds number
Mathematics	Recent Developments In Riemann Hypothesis	71	643	riemann hypothesis, zeta function, riemann zeta function
Mathematics	When Is A Finite Type Dupin Hypersurface Of A Hypersphere Isoparametric?	43	174	euclidean space, riemannian manifold, vector field
Mathematics	Numerical Analysis And Scientific Computing	127	2489	scientific computing, numerical methods, numerical analysis
Mathematics	The Fundamental Group Of A Noncommutative Space	60	643	field theory, quantum mechanics, phase space
Mathematics	Double Phase Anisotropic Variational Problem	75	471	boundary condition, finite element, phase transition
Mathematics	Complex Network Analysis Of Nonlinear Time Series	81	879	neural network, artificial neural network, dynamical systems
Mathematics	P Versus Np Problem And It Approximation	51	266	approximation algorithm, combinatorial optimization, approximation ratio
Mathematics	Rationality Of Rigid Quiver Grassmannians	38	227	moduli space, lie algebra, fixed point
History	The Silk Road	79	428	silk road, central asia, bombyx mori
History	When Music Mattered?	73	425	music education, classical music, musical instrument
History	China And The West: Society And Culture	94	349	western culture, united states, cultural diversity
History	Governance In Ancient	59	225	ancient greek, ancient greece, han dynasty
History	The Domestic Policy Of The European Weimar Republic	125	1734	european union, member state, czech republic
History	What Changed After The October Revolution?	92	720	october revolution, industrial revolution, united states
History	Capitalism In America	98	1388	latin america, latin american, united states
History	The Impact Of Maritime Trade On World Civilization.	114	1289	united states, free trade, east asia
History	The Reign And Life Of Queen Elizabeth	93	600	henry vi, elizabeth ii, edward vi
History	Governing The New Nation	110	1022	united states, united nations, case study
History	British Colonial Studies	118	1145	british empire, world war, united states
History	Social Movements In America	142	2149	social movement, united states, latin america
Psychology	Lesbian, Gay, Bisexual, Transgender	54	489	sexual orientation, mental health, united states
Psychology	Positive Psychology	71	480	positive psychology, mental health, organizational behavior
Psychology	Psychology And Criminology	77	812	criminal justice, social control, criminal behavior
Psychology	Personal Perception And Self-Consciousness	62	247	personality trait, self consciousness, college student
Psychology	The Suicide Intervention	122	1835	suicide prevention, mental health, public health
Psychology	Mental Health Of Children	120	1779	mental health, health care, mental illness
Psychology	How Does Cognitivism Differ From Behaviorism?	50	95	cognitive science, information processing, cultural differences
Psychology	Racism, Bias, And Discrimination	81	684	african american, united states, civil rights
Psychology	Does Group Polarization Affect The Minority?	94	289	united states, african american, health care
Psychology	Peer Pressure On Academic Performance	93	799	high school, peer group, peer pressure
Psychology	What Is The Role Of Cognitive Flexibility And Inhibition In Complex Dynamic Tasks	101	744	working memory, executive function, frontal cortex
Psychology	Sex Differences In Functional Connectivity Between Resting State Brain Networks In Autism Spectrum Disorder	133	2477	autism spectrum disorder, magnetic resonance imaging, functional magnetic resonance imaging
Economics	Globalization And Unemployment	89	1022	financial crisis, economic growth, united states
Economics	Supply Chain Management	84	1023	chain management, supply chain management, supply chain
Economics	Volatility And The Cross-Section Of Real Estate Equity Returns During Pandemic	58	426	real estate investment trust, financial crisis, asset allocation
Economics	Human Capital And China'S Future Growth	91	1250	economic growth, human capital, economic development
Economics	What Critical Approach To Neoclassical Economics Is Superior?	102	1255	classical economics, economic theory, economic growth
Economics	The Economic Policy Uncertainty	114	1218	economic growth, monetary policy, united states
Economics	Us Earnings Inequality	101	1024	income inequality, united states, wage inequality
Economics	What Is The Application Of Fixed Point Theory In Financial And Economic Sciences?	104	1015	financial market, economic theory, financial crisis
Economics	The Digital Economy	91	1001	digital economy, digital divide, economic growth
Economics	How Rate Hikes Can Exacerbate Labor-Market Inequality	96	1076	income inequality, united states, human capital
Economics	Why Do Buyers Pay Different Prices For Comparable Products?	74	202	supply chain, online auction, information asymmetry
Economics	The Impact Of Globalization On Income Distribution In Emerging Economies	124	2384	income distribution, economic growth, developing countries

Table 2: Statistics of queries in Mathematics, History, Psychology, and Economics.

Discipline	Query	Num. of Nodes	Num. of Edges (2021)	Selected Concepts
Sociology	Gender Inequality In America	102	1534	gender equality, latin america, economic growth
Sociology	Abortion And Abortion Rights	95	1174	united states, health care, reproductive rights
Sociology	Social Networks Addiction	77	742	social network, social networks, social support
Sociology	Does An Improvement In Rural Infrastructure Contribute To Alleviate Poverty In Pakistan?	124	1741	poverty reduction, developing countries, economic growth
Sociology	Spread Of False News	66	188	false alarm, social media, machine learning
Sociology	Regional Identity And Regional Change	89	798	european union, east asia, economic development
Sociology	What Is The Impact Of Intergenerational Mobility On Well-Being In Japan	92	505	united states, human capital, income inequality
Sociology	Social Media And Marketing	100	1325	social media, media market, social media marketing
Sociology	Can Populism Contribute To A More Inclusive Citizenship?	97	785	human rights, united states, global citizenship
Sociology	Advancement Of Women In Science	113	963	united states, national science foundation, career advancement
Sociology	How Are Functionalism And Conflict Theory Similar?	80	333	conflict resolution, conflict management, international relations
Sociology	How Do Social Networks Influence Educational Processes	112	1119	social network, social networks, social influence
Art	Modern Aesthetics	47	155	traditional chinese, chinese traditional, wang guowei
Art	Eastern Asian Art	117	1174	east asia, south asia, central asia
Art	Surrealist Aesthetics	34	123	andre breton, twentieth century, world war
Art	Modern Rock Music Trend	88	956	popular music, rock music, music industry
Art	Interaction Design	83	736	interaction design, interface design, user experience
Art	Victorian Beauty Standards In Art	72	395	victorian period, victorian era, victorian england
Art	Are Culturally Vibrant Communities Healthier?	98	489	united states, public health, cultural heritage
Art	The Role Of Cultural Identity In The Creation Of Art	112	1002	cultural identity, contemporary art, case study
Art	How Art Develops The Personality Of Human Beings?	108	504	human development, visual arts, personal development
Art	How Can Graffiti Be Accepted As A Form Of Street Art And Which Attributes Can Be Contributed To Architecture?	79	492	public space, street art, graffiti art
Art	The Use Of Arts Interventions For Mental Health And Wellbeing In Health Settings	140	1695	mental health, mental illness, public health
Art	What Is The Difference Between Islamic Art And Christian Art In Terms Of Function In The Middle Ages?	126	1357	middle age, middle east, islamic art
Business	Employee Motivation	77	687	job satisfaction, human resource, dependent variable
Business	International Trade Trends In The Usa	113	1417	developing countries, free trade, united states
Business	How Blockchain And Cryptocurrency Can Revolutionize Business?	85	663	business model, business process, blockchain technology
Business	What Is The Impact Of Intermediaries On A Negotiation?	82	320	united states, developing countries, european union
Business	International Business, Further Globalisation Or Backlash?	117	949	international trade, developing countries, business environment
Business	The Market Growth For Electric Vehicles	92	1599	electric vehicle, hybrid electric vehicle, hybrid electric
Business	Current Trends In Consumer Behavior	74	330	literature review, social media, online shopping
Business	Why Is The Importance Of The Correlation Analysis Between The Stock Market Valuation And The Economic Situation Of Business Entities Growing?	100	1422	stock market, financial market, capital market
Business	How To Evaluate Cost Impacts On Reverse Logistics Using An Economic Order Quantity (Eoq) Model With Environmental And Social Considerations	61	330	supply chain management, sustainable development, carbon emission
Business	Global Unemployment	94	1085	economic growth, united states, unemployment insurance
Business	Capitalism And Multinational Companies	80	975	multinational corporation, foreign direct investment, human capital
Business	Next Financial Crisis	98	1897	global financial crisis, financial market, financial crises
Physics	Microfluidics And Microsystems	99	554	cell culture, integrated circuit, sample preparation
Physics	How Swarm Robotics Can Be Used To Describe Particle System'S Deformation	66	474	particle swarm optimization, mobile robot, swarm intelligence
Physics	Dark Matter	81	1208	dark matter, direct detection, standard model
Physics	Galaxy Formation And Evolution	91	1671	star formation, galaxy evolution, galaxy formation
Physics	Big Bang (Quantum) Cosmology	70	1092	big bang, cosmological constant, dark matter
Physics	Global Nonlinear Stability Of Large Dispersive Solutions To The Einstein Equations	55	318	differential equation, cauchy problem, partial differential equations
Physics	How Does The Magnetoresistance Reflect The Information Of Fermi Surface?	55	564	fermi surface, magnetic field, fermi level
Physics	Condensed Matter Physics And Acoustics	92	1156	condensed matter, condensed matter physics, phase transition
Physics	The Developments In Quantum Computers	92	1248	quantum computing, quantum computers, quantum computation
Physics	Optical Physics And Quantum Information Science	113	2216	quantum information, quantum mechanics, quantum physics
Physics	The Space-Time Geometry Behind The Constant Speed Of Light	118	1826	general relativity, special relativity, cosmological constant
Physics	Antiferromagnetic Spintronic	55	470	magnetic field, magnetic moment, ground state

Table 3: Statistics of queries in Sociology, Art, Business, and Physics.

Discipline	Query	Num. of Nodes	Num. of Edges (2021)	Selected Concepts
Political Science	Politics And Diplomacy	94	1261	foreign policy, public diplomacy, united states
Political Science	Democracy And The Public In The European Union	132	2406	european union, member state, european integration
Political Science	What Is The Most Powerful Act Of Political Participation?	101	795	united states, political parties, civil society
Political Science	Rural Revitalization	108	583	economic development, sustainable development, united states
Political Science	Opportunities And Challenges Facing China'S Economic "External Circulation"	94	788	economic development, economic growth, sustainable development
Political Science	How Politicians Use Social Media?	79	891	social media, social network, mass media
Political Science	The Basics Of The Theoretical System Of Socialism With Chinese Characteristics	83	576	chinese character, communist party, deng xiaoping
Political Science	How Political Orientation, Economic Precarity, And Participant Demographics Impact Compliance With Covid-19 Prevention Measures In A Dutch Representative Sample?	119	737	economic development, united states, economic growth
Political Science	Chinese Communist Party Hierarchy	67	509	chinese communist party, communist party, chinese communist
Political Science	Land System Reformation	74	681	land reform, land tenure, agrarian reform
Political Science	Vietnam War Interests Aggregation	116	2016	vietnam war, united states, south vietnam
Political Science	Russia And Nato Relationships	113	2671	cold war, united states, north atlantic
Philosophy	Self Consciousness	52	183	altered states, global workspace theory, vegetative state
Philosophy	Why Do We Strive For Perfection If It Is Not Attainable?	26	74	higher education, united states, human capital
Philosophy	Dealistic Understanding Of Existence	41	68	conceptual model, conceptual framework, neural network
Philosophy	Philosophical Anthropology	49	252	philosophical anthropology, cultural anthropology, medical anthropology
Philosophy	Research On Gadamer'S Philosophy	36	178	social science, western philosophy, chinese philosophy
Philosophy	Metaprobes, Metaphysical And Sketchy Philosophy	59	319	western philosophy, modern philosophy, greek philosophy
Philosophy	Why Is Beauty Associated With Morality?	55	179	moral philosophy, human nature, university press
Philosophy	Apocalypse And The Ends Of The World	50	205	united states, world war ii, cold war
Philosophy	Cultural Genesis And Dynamics Of Culture	68	295	cultural diversity, cultural identity, national culture
Philosophy	Is Confucianism A Religious Philosophy Or Ethics	86	612	chinese philosophy, moral philosophy, human nature
Philosophy	Where Does Your Self-Worth Come From?	65	289	mental health, high school, body image
Philosophy	Where Do You Find Meaning In Your Life?	54	238	mental health, college students, regression analysis
Biology	Endangered Species Recovery	77	615	endangered species, united states, critically endangered
Biology	Gene Modification And Disease	131	1791	gene expression, histone modification, gene therapy
Biology	Crispr And Genetic Engineering	79	569	genetic engineering, genetically engineered, genetically modified
Biology	The Effect Of Plant Genome Editing	91	1059	arabidopsis thaliana, gene expression, rna editing
Biology	Biosynthesis, Transport And Biological Functions Of Ascorbic Acid In Plants.	130	1537	ascorbic acid, amino acid, arabidopsis thaliana
Biology	How To Estimate Female Malaria Mosquito Age By Quantifying Y-Linked Genes In Stored Male Spermatozoa	114	773	public health, aedes aegypti, yellow fever
Biology	Evolution Of Terrestrial Plant	94	502	climate change, fossil record, carbon dioxide
Biology	The Effect Of Synergistic Interaction Between Earthworms And Microorganisms On The Composting Process.	95	638	solid waste, sewage sludge, heavy metal
Biology	Development Of A Filter Device For The Prevention Of Aquatic Bacterial Disease Using A Single-Chain Variable Fragment (Scfv)-Conjugated Affinity Silk	121	780	western blot, polymerase chain reaction, flow cytometry
Biology	Human Cdna Clones	103	848	open reading frame, polymerase chain reaction, cell line
Biology	Interactions Between Genes	131	959	single nucleotide polymorphism, logistic regression, dimensionality reduction
Biology	Aging, Lifespan And Metabolism	131	2219	oxidative stress, gene expression, dietary restriction
Medicine	Development Of Xenotransplantation	64	465	stem cell, clinical trials, cell line
Medicine	Neuronal Regeneration	127	1962	spinal cord, dorsal root, stem cell
Medicine	The Role Of Vitamin D In The Pathogenesis Of Allergic Rhinitis	117	1084	mast cell, immune response, atopic dermatitis
Medicine	Tumor Immunity And Targeted Therapy	119	2965	immune response, tumor microenvironment, dendritic cell
Medicine	Early Detection Of Cancer	109	1019	breast cancer, colorectal cancer, prostate cancer
Medicine	Is Medical Research On Animals Ethical	108	1642	medical ethics, research ethics, ethics committee
Medicine	Association Between Migraine And Risk Of Ocular Motor Cranial Nerve Palsy	127	2227	cranial nerve, case report, magnetic resonance imaging
Medicine	Intestinal Flora Correlates With Chronic Liver Disease	176	2798	alcoholic liver disease, nonalcoholic fatty liver disease, hepatocellular carcinoma
Medicine	Treatment Of Alzheimer'S Disease	128	1146	clinical trials, cognitive function, animal model
Medicine	Medical Humanitarian Missions In The Developing World	113	1790	humanitarian assistance, humanitarian aid, united nations
Medicine	Artificial Intelligence In Vaccine And Drug Design	99	1058	artificial intelligence, neural network, machine learning
Medicine	What The Effect Of Weightbearing And Foot Positioning On 3D Distal Tibiofibular Joint Parameters?	67	385	soft tissue, computed tomography, sagittal plane

Table 4: Statistics of queries in Political Science, Philosophy, Biology, and Medicine.

Discipline	Query	Num. of Nodes	Num. of Edges (2021)	Selected Concepts
Materials Science	Interconversion Of Multiferroic Domains And Domain Walls	55	320	electric field, magnetic fields, room temperature
Materials Science	Topological Insulators	49	260	magnetic field, hall effect, band structure
Materials Science	Programmable Matter	93	234	south africa, higher education, health care
Materials Science	Selective Laser Sintering	75	486	additive manufacturing, rapid prototyping, scanning electron microscopy
Materials Science	Perovskite Ferroelectric Material	60	813	phase transition, room temperature, electric field
Materials Science	High-Temperature Superconductivity	93	981	critical temperature, magnetic field, current density
Materials Science	Electromagnetic Wave Absorbing Material	70	600	electromagnetic wave, electromagnetic interference, electromagnetic field
Materials Science	Unleaded Energy Storage Ceramics	63	463	energy storage, renewable energy, energy density
Materials Science	Preparation Of Composite Structures Of Titanium Dioxide Nanotube Arrays.	123	1876	electron microscopy, scanning electron microscopy, titanium oxide
Materials Science	Effect Of The Grain Arrangements On The Thermal Stability Of Polycrystalline Nickel-Rich Lithium-Based Battery Cathodes	94	1566	lithium ion, thermal stability, energy density
Materials Science	Erythritol Phase Change Thermal Storage Subcooling And Thermal Conductivity Improvement	95	1839	thermal conductivity, phase change, thermal energy storage
Materials Science	The Development Of Nanomaterials	89	595	carbon nanotube, quantum dot, metal oxide
Environmental Science	Noise And Light Pollution	85	664	noise pollution, air pollution, environmental noise
Environmental Science	Microplastic Impacts On Ecosystem	120	1029	food web, climate change, trophic level
Environmental Science	Removal Of Refractory Organic Pollutants	84	866	organic compounds, wastewater treatment, organic matter
Environmental Science	Remote Sensing And Geographic Information Systems	112	845	remote sensing, image processing, change detection
Environmental Science	Influence Of Hydrodynamics On Nutrient Cycling And Algal Growth In Taihu Lake	97	907	water quality, meiliang bay, organic matter
Environmental Science	Atmospheric Environmental Capacity Accounting And Total Pollutant Control	106	1252	air pollution, air quality, air pollutants
Environmental Science	Environmental Science And Sustainable Development	135	2648	sustainable development, environmental sustainability, environmental science
Environmental Science	Generation And Direct Observation Of A Triplet Arylnitrenium Ion	69	510	excited state, ground state, electron transfer
Environmental Science	What Are The Goals Of Environmental Science Studies?	126	1894	environmental science, case study, sustainable development
Environmental Science	Why Chemists Can'T Quit Palladium	51	216	room temperature, organic synthesis, transition metal
Environmental Science	Global Warming And Climate Change	141	2287	global warming, greenhouse gas, carbon dioxide
Environmental Science	Mercury Pollution Elimination	109	823	heavy metal, air pollution, food chain
Chemistry	Photoelectrochemical Biosensor	102	853	surface plasmon resonance, quantum dot, glucose oxidase
Chemistry	Axial Chiral Compounds	48	314	optically active, amino acid, circular dichroism
Chemistry	Organic Chemistry And Discovery	73	892	organic chemist, drug discovery, organic synthesis
Chemistry	Nitrogen Heterocyclic Carbene Catalysis	44	286	transition metal, homogeneous catalysis, room temperature
Chemistry	Noncovalent Interaction	89	1087	hydrogen bond, hydrogen bonding, density functional
Chemistry	Hydrophobic Effect Phenomenon	117	947	contact angle, aqueous solution, hydrogen bond
Chemistry	Colloid Theory	84	688	ionic strength, light scattering, porous media
Chemistry	How To Make A Fruitier, More Floral Chocolate	74	308	cocoa butter, fatty acid, cocoa bean
Chemistry	Organic Chemical Reactivity Functioning	85	743	functional group, organic compound, density functional theory
Chemistry	Why Do Transition Crystals (Hybrid Crystals) Conduct Electricity?	82	1084	electrical conductivity, single crystal, phase transition
Chemistry	Can Electric Fields Drive Chemistry For An Aqueous Microdroplet?	88	432	electric field, aqueous solution, magnetic field
Chemistry	What Are The Downstream Products Generated From Coal?	105	1088	carbon dioxide, natural gas, bituminous coal
Engineering	Flexible Surgical Robot	64	267	surgical instrument, da vinci, laparoscopic surgery
Engineering	Insect Like Micro Air Vehicle	71	328	wind tunnel, air pollution, electric vehicles
Engineering	The Use Of Ai And Machine Learning In Engineering	124	2009	artificial intelligence, machine learning, neural network
Engineering	Civil Engineering	85	448	civil engineer, structural engineering, environmental engineering
Engineering	Aerodynamics And Fluid Mechanics	74	949	computational fluid dynamics, fluid dynamics, wind tunnel
Engineering	Crowdsourcing In Software Engineering	101	1098	software engineer, software development, requirements engineering
Engineering	The Effect Of Stress Release On The Stability Of Excavation Works	34	130	power station, finite element, stress concentration
Engineering	Specifics Of Engineering Materials	103	557	composite material, materials science, civil engineering
Engineering	Risk Caused By The Propagation Of Earthquake Losses Through The Economy	87	633	risk assessment, risk management, seismic hazard
Engineering	Heat Transfer In Low Temperature	89	1446	heat transfer, heat transfer coefficient, heat flux
Engineering	Effect Of Piston Structural Stiffness On Dynamic Performance	60	259	finite element, finite element analysis, finite element method
Engineering	Effects Of Thickness Reduction In Cold Rolling Process On The Formability Of Sheet Metals Using Anfis	70	673	room temperature, grain size, heat treatment

Table 5: Statistics of queries in Materials Science, Environmental Science, Chemistry, and Engineering.