

Sudhanshu Joshi

List of Publications by Year in descending order

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Version: 2024-02-01

439
papers

8,938
citations

66234

42
h-index

118652

62
g-index

451
all docs

451
docs citations

451
times ranked

9929
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Plasticity of the Hippocampus and Amygdala Induced by Electroconvulsive Therapy in Major Depression. <i>Biological Psychiatry</i> , 2016, 79, 282-292.	0.7	241
2	Modeling the internet of things adoption barriers in food retail supply chains. <i>Journal of Retailing and Consumer Services</i> , 2019, 48, 154-168.	5.3	210
3	Internet of Things (IoT) adoption barriers of smart citiesâ€™ waste management: An Indian context. <i>Journal of Cleaner Production</i> , 2020, 270, 122047.	4.6	140
4	Developing a framework for enhancing survivability of sustainable supply chains during and post-COVID-19 pandemic. <i>International Journal of Logistics Research and Applications</i> , 2022, 25, 433-453.	5.6	116
5	Industry 4.0 and the circular economy: Resource melioration in logistics. <i>Resources Policy</i> , 2020, 68, 101776.	4.2	115
6	Synthesis, characterization and molecular docking studies of substituted 4-coumarinylpyrano[2,3-c]pyrazole derivatives as potent antibacterial and anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 101-116.	2.6	112
7	Neurochemical correlates of rapid treatment response to electroconvulsive therapy in patients with major depression. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 6-16.	1.4	108
8	Assessing enablers of e-waste management in circular economy using DEMATEL method: An Indian perspective. <i>Environmental Science and Pollution Research</i> , 2020, 27, 13325-13338.	2.7	103
9	Mode I fracture toughness and fractographic investigation of carbon fibre composites with liquid Methylmethacrylate thermoplastic matrix. <i>Composites Part B: Engineering</i> , 2018, 134, 246-253.	5.9	94
10	Electroconvulsive therapy and structural neuroplasticity in neocortical, limbic and paralimbic cortex. <i>Translational Psychiatry</i> , 2016, 6, e832-e832.	2.4	91
11	Microdevice for plasma separation from whole human blood using bio-physical and geometrical effects. <i>Scientific Reports</i> , 2016, 6, 26749.	1.6	82
12	Synthesis, antimycobacterial screening and ligand-based molecular docking studies on novel pyrrole derivatives bearing pyrazoline, isoxazole and phenyl thiourea moieties. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 133-152.	2.6	79
13	Accelerating retail supply chain performance against pandemic disruption: adopting resilient strategies to mitigate the long-term effects. <i>Journal of Enterprise Information Management</i> , 2021, 34, 1844-1873.	4.4	76
14	Optimizing Polymer Infusion Process for Thin Ply Textile Composites with Novel Matrix System. <i>Materials</i> , 2017, 10, 293.	1.3	75
15	Effect of Electroconvulsive Therapy on Striatal Morphometry in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2016, 41, 2481-2491.	2.8	74
16	Low-velocity impact response of carbon fibre composites with novel liquid Methylmethacrylate thermoplastic matrix. <i>Composite Structures</i> , 2018, 203, 696-708.	3.1	72
17	Progressive failure analysis of 2D woven composites at the meso-micro scale. <i>Composite Structures</i> , 2017, 178, 395-405.	3.1	69
18	Interaction of Hydralazine with Human Serum Albumin and Effect of β -Cyclodextrin on Binding: Insights from Spectroscopic and Molecular Docking Techniques. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5454-5464.	1.8	68

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19	Enhanced vibration damping and dynamic mechanical characteristics of composites with novel pseudo-thermoset matrix system. <i>Composite Structures</i> , 2017, 179, 502-513.	3.1	68
20	Increased oxidative stress from early pregnancy in women who develop preeclampsia. <i>Clinical and Experimental Hypertension</i> , 2016, 38, 225-232.	0.5	66
21	Multiscale Polymer Composites: A Review of the Interlaminar Fracture Toughness Improvement. <i>Fibers</i> , 2017, 5, 38.	1.8	66
22	Synthesis of coumarin-theophylline hybrids as a new class of anti-tubercular and anti-microbial agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 747-756.	2.6	66
23	Tailoring columnar microstructure of axial suspension plasma sprayed TBCs for superior thermal shock performance. <i>Materials and Design</i> , 2018, 144, 192-208.	3.3	63
24	Coatings for Automotive Gray Cast Iron Brake Discs: A Review. <i>Coatings</i> , 2019, 9, 552.	1.2	60
25	Fronto-Temporal Connectivity Predicts ECT Outcome in Major Depression. <i>Frontiers in Psychiatry</i> , 2018, 9, 92.	1.3	58
26	Chlorine-induced high temperature corrosion of HVOF-sprayed Ni-based alumina and chromia forming coatings. <i>Corrosion Science</i> , 2018, 132, 170-184.	3.0	56
27	The impact of environmental dynamism on low-carbon practices and digital supply chain networks to enhance sustainable performance: An empirical analysis. <i>Business Strategy and the Environment</i> , 2022, 31, 1776-1788.	8.5	56
28	A Formulation Development Approach to Identify and Select Stable Ultra-High-Concentration Monoclonal Antibody Formulations With Reduced Viscosities. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3230-3241.	1.6	55
29	Superficial white matter damage in anti-NMDA receptor encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 518-525.	0.9	55
30	Experimental visualization of microstructure evolution during suspension plasma spraying of thermal barrier coatings. <i>Journal of the European Ceramic Society</i> , 2019, 39, 470-481.	2.8	55
31	Axial suspension plasma spraying of Al ₂ O ₃ coatings for superior tribological properties. <i>Surface and Coatings Technology</i> , 2017, 315, 80-87.	2.2	54
32	The superficial white matter in Alzheimer's disease. <i>Human Brain Mapping</i> , 2016, 37, 1321-1334.	1.9	53
33	Sex-specific differences and developmental programming for diseases in later life. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2085.	0.1	52
34	Microstructure and performance of cold sprayed Al-SiC composite coatings with high fraction of particulates. <i>Surface and Coatings Technology</i> , 2017, 318, 62-71.	2.2	52
35	Major Superficial White Matter Abnormalities in Huntington's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 197.	1.4	51
36	Anti-Biofouling Properties of Femtosecond Laser-Induced Submicron Topographies on Elastomeric Surfaces. <i>Langmuir</i> , 2020, 36, 5349-5358.	1.6	50

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37	Maternal Fatty Acids and Their Association with Birth Outcome: A Prospective Study. PLoS ONE, 2016, 11, e0147359.	1.1	49
38	Novel insights into the effect of vitamin B12 and omega-3 fatty acids on brain function. Journal of Biomedical Science, 2016, 23, 17.	2.6	48
39	Short- and Long-term Cognitive Outcomes in Patients With Major Depression Treated With Electroconvulsive Therapy. Journal of ECT, 2017, 33, 278-285.	0.3	48
40	High performance broad band antireflective coatings using a facile synthesis of ink-bottle mesoporous MgF ₂ nanoparticles for solar applications. Solar Energy Materials and Solar Cells, 2017, 159, 204-211.	3.0	48
41	One pot Click chemistry: A three component reaction for the synthesis of 2-mercaptobenzimidazole linked coumarinyl triazoles as anti-tubercular agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4709-4713.	1.0	46
42	Void growth and coalescence in hexagonal close packed crystals. Journal of the Mechanics and Physics of Solids, 2019, 125, 198-224.	2.3	46
43	Modulation of amygdala reactivity following rapidly acting interventions for major depression. Human Brain Mapping, 2020, 41, 1699-1710.	1.9	46
44	Three dimensional simulations of texture and triaxiality effects on the plasticity of magnesium alloys. Acta Materialia, 2017, 127, 54-72.	3.8	45
45	Ultra thin silicon wafer slicing using wire-EDM for solar cell application. Materials and Design, 2017, 124, 158-170.	3.3	45
46	Overcoming barriers to cross-sector collaboration in circular supply chain management: a multi-method approach. Transportation Research, Part E: Logistics and Transportation Review, 2022, 157, 102582.	3.7	45
47	Structural connectivity and response to ketamine therapy in major depression: A preliminary study. Journal of Affective Disorders, 2016, 190, 836-841.	2.0	44
48	Influence of KCl and HCl on high temperature corrosion of HVAF-sprayed NiCrAlY and NiCrMo coatings. Materials and Design, 2018, 148, 17-29.	3.3	44
49	Managing disruptions and risks amidst COVID-19 outbreaks: role of blockchain technology in developing resilient food supply chains. Operations Management Research, 2022, 15, 268-281.	5.0	44
50	Neural correlates of proactive and reactive aggression in adolescent twins. Aggressive Behavior, 2017, 43, 230-240.	1.5	44
51	Microstructure and wear behaviour of powder and suspension hybrid Al ₂ O ₃ /YSZ coatings. Ceramics International, 2018, 44, 8498-8504.	2.3	43
52	Function-dependent coating architectures by hybrid powder-suspension plasma spraying: Injector design, processing and concept validation. Materials and Design, 2018, 142, 56-65.	3.3	43
53	Microstructure modelling of laser metal powder directed energy deposition of alloy 718. Additive Manufacturing, 2019, 25, 357-364.	1.7	43
54	Mechanisms of Antidepressant Response to Electroconvulsive Therapy Studied With Perfusion Magnetic Resonance Imaging. Biological Psychiatry, 2019, 85, 466-476.	0.7	43

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55	Green, unexpected synthesis of bis-coumarin derivatives as potent anti-bacterial and anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1744-1756.	2.6	42
56	Digital supplier selection reinforcing supply chain quality management systems to enhance firm's performance. <i>TQM Journal</i> , 2023, 35, 102-130.	2.1	42
57	Barriers to blockchain adoption in health-care industry: an Indian perspective. <i>Journal of Global Operations and Strategic Sourcing</i> , 2021, 14, 134-169.	3.4	42
58	Tetrazolylmethyl quinolines: Design, docking studies, synthesis, anticancer and antifungal analyses. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 258-273.	2.6	41
59	Novel quinoxaliny chalcone hybrid scaffolds as enoyl ACP reductase inhibitors: Synthesis, molecular docking and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2174-2180.	1.0	41
60	Flexural characteristics of novel carbon methylmethacrylate composites. <i>Composites Communications</i> , 2019, 13, 129-133.	3.3	41
61	Synthesis, characterization and antitubercular activities of novel pyrrolyl hydrazones and their Cu-complexes. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 21-39.	2.6	40
62	On plastic flow in notched hexagonal close packed single crystals. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 94, 273-297.	2.3	40
63	Chlorine-induced high-temperature corrosion and erosion-corrosion of HVAF and HVOF-sprayed amorphous Fe-based coatings. <i>Surface and Coatings Technology</i> , 2019, 371, 20-35.	2.2	40
64	High-Definition Mapping of Four Spatially Distinct Neutralizing Epitope Clusters on RiVax, a Candidate Ricin Toxin Subunit Vaccine. <i>Vaccine Journal</i> , 2017, 24, .	3.2	39
65	A Comparative Study of Machine Learning Techniques for Credit Card Fraud Detection Based on Time Variance. , 2018, , .		38
66	Desynchronization and Plasticity of Striato-frontal Connectivity in Major Depressive Disorder. <i>Cerebral Cortex</i> , 2016, 26, 4337-4346.	1.6	37
67	Machine learning on high dimensional shape data from subcortical brain surfaces: A comparison of feature selection and classification methods. <i>Pattern Recognition</i> , 2017, 63, 731-739.	5.1	37
68	Enhancing supply chain performance using RFID technology and decision support systems in the industry 4.0â€”A systematic literature review. <i>International Journal of Information Management Data Insights</i> , 2022, 2, 100084.	6.5	36
69	Binding interaction and conformational changes of human serum albumin with ranitidine studied by spectroscopic and time-resolved fluorescence methods. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1325-1338.	1.2	35
70	Influence of Microstructure on Thermal Properties of Axial Suspension Plasma-Sprayed YSZ Thermal Barrier Coatings. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 202-212.	1.6	35
71	Enhancing resiliency of perishable product supply chains in the context of the COVID-19 outbreak. <i>International Journal of Logistics Research and Applications</i> , 2022, 25, 1219-1243.	5.6	35
72	Issues and solutions of electronic waste urban mining for circular economy transition: An Indian context. <i>Journal of Environmental Management</i> , 2021, 290, 112373.	3.8	35

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73	Constituent materials micro-damage modeling in predicting progressive failure of braided fiber composites. <i>Composite Structures</i> , 2016, 145, 194-202.	3.1	34
74	Role of neurotrophins in pregnancy and offspring brain development. <i>Neuropeptides</i> , 2020, 83, 102075.	0.9	34
75	The extracellular role of DNA damage repair protein APE1 in regulation of IL-6 expression. <i>Cellular Signalling</i> , 2017, 39, 18-31.	1.7	33
76	Digital technologies (DT) adoption in agri-food supply chains amidst COVID-19: an approach towards food security concerns in developing countries. <i>Journal of Global Operations and Strategic Sourcing</i> , 2022, 15, 262-282.	3.4	33
77	Effect of Heat Treatment on Mechanical Properties and Corrosion Performance of Cold-Sprayed Tantalum Coatings. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 745-756.	1.6	32
78	Promoter Hypomethylation and Expression Is Conserved in Mouse Chronic Lymphocytic Leukemia Induced by Decreased or Inactivated Dnmt3a. <i>Cell Reports</i> , 2016, 15, 1190-1201.	2.9	32
79	Modeling of temperature distribution in drilling of titanium. <i>International Journal of Mechanical Sciences</i> , 2017, 133, 598-610.	3.6	32
80	Influence of Isothermal Heat Treatment on Porosity and Crystallite Size in Axial Suspension Plasma Sprayed Thermal Barrier Coatings for Gas Turbine Applications. <i>Coatings</i> , 2017, 7, 4.	1.2	32
81	Effect of Different Post-treatments on the Microstructure of EBM-Built Alloy 718. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 673-680.	1.2	32
82	Effect of pressure and temperature on densification, microstructure and mechanical properties of spark plasma sintered silicon carbide processed with TiO_2 -silicon carbide nanopowder and sintering additives. <i>Ceramics International</i> , 2016, 42, 3836-3848.	2.3	31
83	Microstructural response of various chromium carbide based coatings to erosion and nano impact testing. <i>Wear</i> , 2017, 386-387, 72-79.	1.5	31
84	Correlation of splat state with deposition characteristics of cold sprayed niobium coatings. <i>Acta Materialia</i> , 2017, 130, 177-195.	3.8	31
85	Placental Proteomics Provides Insights into Pathophysiology of Pre-Eclampsia and Predicts Possible Markers in Plasma. <i>Journal of Proteome Research</i> , 2017, 16, 1050-1060.	1.8	31
86	3,4-Dihydropyrimidinone-coumarin analogues as a new class of selective agent against <i>S. aureus</i> : Synthesis, biological evaluation and molecular modelling study. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1413-1422.	1.4	31
87	Analytical Comparability Assessments of 5 Recombinant CRM 197 Proteins From Different Manufacturers and Expression Systems. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1806-1819.	1.6	31
88	Sustainable Agri-food Supply Chain Practices: Few Empirical Evidences from a Developing Economy. <i>Global Business Review</i> , 2023, 24, 451-474.	1.6	31
89	Implementing challenges of artificial intelligence: Evidence from public manufacturing sector of an emerging economy. <i>Government Information Quarterly</i> , 2022, 39, 101624.	4.0	31
90	Neurotrophins. <i>Vitamins and Hormones</i> , 2017, 104, 243-261.	0.7	30

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91	Liquid Feedstock Plasma Spraying: An Emerging Process for Advanced Thermal Barrier Coatings. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 1104-1114.	1.6	30
92	Investigating the expression of <i>MMPs</i> and <i>TIMPs</i> in preterm placenta and role of CpG methylation in regulating <i>MMP</i> expression. <i>IUBMB Life</i> , 2017, 69, 985-993.	1.5	30
93	Experimental and Microscopic Investigation on Mechanical Performance of Textile Spread-tow Thin Ply Composites. <i>Fibers and Polymers</i> , 2019, 20, 1036-1045.	1.1	30
94	Pan-Cancer Analysis Reveals the Diverse Landscape of Novel Sense and Antisense Fusion Transcripts. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1379-1398.	2.3	30
95	A Micro“Polyethylene Glycol Precipitation Assay as a Relative Solubility Screening Tool for Monoclonal Antibody Design and Formulation Development. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2319-2327.	1.6	29
96	Maternal long chain polyunsaturated fatty acid status and pregnancy complications. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 136, 143-152.	1.0	29
97	Maternal one carbon metabolism through increased oxidative stress and disturbed angiogenesis can influence placental apoptosis in preeclampsia. <i>Life Sciences</i> , 2018, 206, 61-69.	2.0	29
98	Exploiting Suspension Plasma Spraying to Deposit Wear-Resistant Carbide Coatings. <i>Materials</i> , 2019, 12, 2344.	1.3	29
99	High-Temperature Corrosion of HVOF-Sprayed Ni-Based Coatings for Boiler Applications. <i>Oxidation of Metals</i> , 2019, 91, 729-747.	1.0	29
100	Brand sustainability among young consumers: an AHP-TOPSIS approach. <i>Young Consumers</i> , 2019, 20, 314-337.	2.3	29
101	Predicting textural variability effects in the anisotropic plasticity and stability of hexagonal metals: Application to magnesium and its alloys. <i>International Journal of Plasticity</i> , 2020, 132, 102762.	4.1	29
102	Analysing the impact of sustainable human resource management practices and industry 4.0 technologies adoption on employability skills. <i>International Journal of Manpower</i> , 2022, 43, 463-485.	2.5	29
103	Correlating the Effects of Antimicrobial Preservatives on Conformational Stability, Aggregation Propensity, and Backbone Flexibility of an IgG1 mAb. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1508-1518.	1.6	28
104	Experimental investigation on spring-back deformation during autoclave curing of parabolic antenna reflectors. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 115, 134-146.	3.8	28
105	Altered breast milk components in preeclampsia; An in-vitro proton NMR spectroscopy study. <i>Clinica Chimica Acta</i> , 2016, 463, 75-83.	0.5	27
106	Production, Characterization, and Biological Evaluation of Well-Defined IgG1 Fc Glycoforms as a Model System for Biosimilarity Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 559-574.	1.6	27
107	Design and synthesis of novel phenyl -1, 4-beta-carboline-hybrid molecules as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 123-139.	2.6	27
108	Analytical Simulation of Random Textures Generated in Electrical Discharge Texturing. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2017, 139, .	1.3	27

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109	Single and repeated ketamine treatment induces perfusion changes in sensory and limbic networks in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2020, 33, 89-100.	0.3	27
110	KCl-Induced High-Temperature Corrosion Behavior of HVAF-Sprayed Ni-Based Coatings in Ambient Air. <i>Journal of Thermal Spray Technology</i> , 2018, 27, 500-511.	1.6	26
111	Hot corrosion behavior of plasma sprayed powder-solution precursor hybrid thermal barrier coatings. <i>Surface and Coatings Technology</i> , 2018, 349, 452-461.	2.2	26
112	Preformulation Characterization and Stability Assessments of Secretory IgA Monoclonal Antibodies as Potential Candidates for Passive Immunization by Oral Administration. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 407-421.	1.6	26
113	Altered development and function of the placental regions in preeclampsia and its association with long-chain polyunsaturated fatty acids. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016, 5, 582-597.	5.9	25
114	Supplementation of maternal omega-3 fatty acids to pregnancy induced hypertension Wistar rats improves IL10 and VEGF levels. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 104, 25-32.	1.0	25
115	High temperature stable solar selective coatings by cathodic arc PVD for heat collecting elements. <i>Solar Energy Materials and Solar Cells</i> , 2016, 145, 447-453.	3.0	25
116	Mechanical and vibration response of insulated hybrid composites. <i>Journal of Industrial Textiles</i> , 2018, 47, 1887-1907.	1.1	25
117	VEGF and VEGFR1 levels in different regions of the normal and preeclampsia placentae. <i>Molecular and Cellular Biochemistry</i> , 2018, 438, 141-152.	1.4	25
118	Social network analysis in smart tourism driven service distribution channels: evidence from tourism supply chain of Uttarakhand, India. <i>International Journal of Digital Culture and Electronic Tourism</i> , 2018, 2, 255.	0.1	25
119	Physical Characterization and Stabilization of a Lentiviral Vector Against Adsorption and Freeze-Thaw. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2764-2774.	1.6	25
120	Cognitive Correlates of Hippocampal Atrophy and Ventricular Enlargement in Adults with or without Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2019, 9, 281-293.	0.6	25
121	Effects of surface finish on the initial oxidation of HVAF-sprayed NiCoCrAlY coatings. <i>Surface and Coatings Technology</i> , 2019, 364, 43-56.	2.2	25
122	Hippocampal subregions and networks linked with antidepressant response to electroconvulsive therapy. <i>Molecular Psychiatry</i> , 2021, 26, 4288-4299.	4.1	25
123	Correlating the Impact of Well-Defined Oligosaccharide Structures on Physical Stability Profiles of IgG1-Fc Glycoforms. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 588-601.	1.6	24
124	Synthesis, biological evaluation and in silico molecular modeling of pyrrolyl benzohydrazide derivatives as enoyl ACP reductase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 286-297.	2.6	24
125	Effect of post-treatments under hot isostatic pressure on microstructural characteristics of EBM-built Alloy 718. <i>Additive Manufacturing</i> , 2019, 28, 727-737.	1.7	24
126	Vitamin D deficiency influences fatty acid metabolism. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 140, 57-63.	1.0	24

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127	Effect of Aluminum Adjuvant and Preservatives on Structural Integrity and Physicochemical Stability Profiles of Three Recombinant Subunit Rotavirus Vaccine Antigens. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 476-487.	1.6	24
128	Design, Synthesis and Structure-Activity Relationship Study of Coumarin Benzimidazole Hybrid as Potent Antibacterial and Anticancer Agents. <i>ChemistrySelect</i> , 2016, 1, 4638-4644.	0.7	23
129	Sprouty 2: a novel attenuator of B-cell receptor and MAPK-Erk signaling in CLL. <i>Blood</i> , 2016, 127, 2310-2321.	0.6	23
130	Interaction between carisoprodol and bovine serum albumin and effect of β -cyclodextrin on binding: insights from molecular docking and spectroscopic techniques. <i>RSC Advances</i> , 2016, 6, 63463-63471.	1.7	23
131	Evaluation of Hydrogen Exchange Mass Spectrometry as a Stability-Indicating Method for Formulation Excipient Screening for an IgG4 Monoclonal Antibody. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1009-1019.	1.6	23
132	Design, synthesis, and molecular docking study of new piperazine derivative as potential antimicrobial agents. <i>Bioorganic Chemistry</i> , 2019, 92, 103217.	2.0	23
133	Isothermal oxidation of HVAF-sprayed Ni-based chromia, alumina and mixed-oxide scale forming coatings in ambient air. <i>Surface and Coatings Technology</i> , 2017, 316, 10-21.	2.2	22
134	Seed layer-assisted low temperature solution growth of 3D ZnO nanowall architecture for hybrid solar cells. <i>Materials and Design</i> , 2017, 116, 219-226.	3.3	22
135	Design, Docking, and Synthesis of Quinoline-1,2,4-triazolones as Potent Anticancer and Antitubercular Agents. <i>ChemistrySelect</i> , 2018, 3, 2004-2016.	0.7	22
136	5-(1-Aryl-3-(thiophen-2-yl)-1H-pyrazol-4-yl)-1H-tetrazoles: Synthesis, structural characterization, Hirshfeld analysis, anti-inflammatory and anti-bacterial studies. <i>Journal of Molecular Structure</i> , 2018, 1160, 63-72.	1.8	22
137	Combined semi-empirical screening and design of experiments (DOE) approach to identify candidate formulations of a lyophilized live attenuated tetravalent viral vaccine candidate. <i>Vaccine</i> , 2018, 36, 3169-3179.	1.7	22
138	Durability of Gadolinium Zirconate/YSZ Double-Layered Thermal Barrier Coatings under Different Thermal Cyclic Test Conditions. <i>Materials</i> , 2019, 12, 2238.	1.3	22
139	Influence of microstructure on the erosion behaviour of suspension plasma sprayed thermal barrier coatings. <i>Surface and Coatings Technology</i> , 2019, 375, 86-99.	2.2	22
140	Role of protein arginine methyltransferase 5 in group 3 (MYC-driven) Medulloblastoma. <i>BMC Cancer</i> , 2019, 19, 1056.	1.1	22
141	Synthesis, Antitubercular and Antimicrobial Activity of 1,2,4-Triazolidine-3-thione Functionalized Coumarin and Phenyl Derivatives and Molecular Docking Studies. <i>ChemistrySelect</i> , 2019, 4, 105-115.	0.7	22
142	Synthesis, molecular modeling and BACE-1 inhibitory study of tetrahydrobenzo[b] pyran derivatives. <i>Bioorganic Chemistry</i> , 2019, 84, 202-210.	2.0	22
143	Synthesis, molecular docking studies, and in vitro evaluation of 1,3,5-triazine derivatives as promising antimicrobial agents. <i>Journal of Molecular Structure</i> , 2020, 1220, 128687.	1.8	22
144	Effect of multiaxial loading on evolution of twinning in magnesium single crystals. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 659, 256-269.	2.6	21

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145	Reduced Maternal Erythrocyte Long Chain Polyunsaturated Fatty Acids Exist in Early Pregnancy in Preeclampsia. <i>Lipids</i> , 2016, 51, 85-94.	0.7	21
146	Inter and intra-hemispheric structural imaging markers predict depression relapse after electroconvulsive therapy: a multisite study. <i>Translational Psychiatry</i> , 2017, 7, 1270.	2.4	21
147	Microwave Expedited Green Synthesis, Photophysical, Computational Studies of Coumarin-3-yl-thiazol-1,2,4-triazolin-5-ones and Their Anticancer Activity. <i>ChemistrySelect</i> , 2018, 3, 4448-4462.		21
148	New Urea Derivatives as Potential Antimicrobial Agents: Synthesis, Biological Evaluation, and Molecular Docking Studies. <i>Antibiotics</i> , 2019, 8, 178.	1.5	21
149	Energy Characteristics and Failure Mechanisms for Textile Spread Tow Thin Ply Thermoplastic Composites under Low-velocity Impact. <i>Fibers and Polymers</i> , 2019, 20, 1716-1725.	1.1	21
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