

# Deepak Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,594  
citations

393982

19  
h-index

344852

36  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant seed extract assisted, eco-synthesized Cd-ZnO nanoparticles: Characterization, chromium(VI) ion adsorption and kinetic studies. <i>Luminescence</i> , 2023, 38, 1123-1131.	1.5	6
2	<i>In vitro</i> antidiabetic, antioxidant, antimicrobial, and cytotoxic activity of <i>Murraya koenigii</i> leaf extract intercedes ZnO nanoparticles. <i>Luminescence</i> , 2023, 38, 1139-1148.	1.5	8
3	Diorganotin(IV) complexes derived from thiazole Schiff bases: synthesis, characterization, antimicrobial and cytotoxic studies. <i>Research on Chemical Intermediates</i> , 2022, 48, 267-289.	1.3	8
4	Development and validation of RP-HPLC method for 1 $\beta$ , $\gamma$ -Acetoxychavicol acetate (ACA) and its application in optimizing the yield of ACA during its isolation from <i>Alpinia galanga</i> extract as well as its quantification in nanoemulsion. <i>South African Journal of Botany</i> , 2022, 149, 887-898.	1.2	9
5	Synthesis, characterization, <i>in vitro</i> antimicrobial and cytotoxic evaluation of Co(II), Ni(II), Cu(II) and Zn(II) complexes derived from bidentate hydrazones. <i>Research on Chemical Intermediates</i> , 2022, 48, 423-455.	1.3	13
6	Potentialities of aptasensors in cancer diagnosis. <i>Materials Letters</i> , 2022, 308, 131240.	1.3	18
7	Transition metal complexes of triazole-based bioactive ligands: synthesis, spectral characterization, antimicrobial, anticancer and molecular docking studies. <i>Research on Chemical Intermediates</i> , 2022, 48, 703-729.	1.3	38
8	Orchestration of the circadian clock and its association with Alzheimer's disease: Role of endocannabinoid signaling. <i>Ageing Research Reviews</i> , 2022, 73, 101533.	5.0	8
9	Revisiting liquorice ( <i>Glycyrrhiza glabra</i> L.) as anti-inflammatory, antivirals and immunomodulators: Potential pharmacological applications with mechanistic insight.. <i>Phytomedicine Plus</i> , 2022, 2, 100206.	0.9	20
10	Trends of bioderived carbonaceous materials for futuristic biomedical applications. <i>Materials Letters</i> , 2022, 311, 131606.	1.3	15
11	Cobalt(II), nickel(II), copper(II) and zinc(II) complexes of thiadiazole based Schiff base ligands: Synthesis, structural characterization, DFT, antidiabetic and molecular docking studies. <i>Journal of Molecular Structure</i> , 2022, 1253, 132266.	1.8	64
12	Mild and efficient one-pot synthesis of (E)-styrylperfluoroalkyl ketone from styrene. <i>Results in Chemistry</i> , 2022, 4, 100260.	0.9	3
13	Studies on Synthesis and Characterization of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @Ru Hybrid Magnetic Composites for Reusable Photocatalytic Application. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	9
14	Promising protein biomarkers in the early diagnosis of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2022, , 1.	1.4	7
15	Bioinspired quantum dots for cancer therapy: A mini-review. <i>Materials Letters</i> , 2022, 313, 131742.	1.3	22
16	Development and validation of RP-HPLC based bioanalytical method for simultaneous estimation of curcumin and quercetin in rat's plasma. <i>South African Journal of Botany</i> , 2022, 149, 870-877.	1.2	11
17	A comprehensive review on angel's trumpet ( <i>Brugmansia suaveolens</i> ). <i>South African Journal of Botany</i> , 2022, 151, 266-274.	1.2	5
18	Chromenes - A Novel Class of Heterocyclic Compounds: Recent Advancements and Future Directions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 2736-2751.	1.1	12

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19	Managing Apoptosis in Lung Diseases using Nano-assisted Drug Delivery System. <i>Current Pharmaceutical Design</i> , 2022, 28, 3202-3211.	0.9	7
20	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases. <i>Molecules</i> , 2022, 27, 3038.	1.7	11
21	Potential Immunomodulatory Activities of Plant Products. <i>South African Journal of Botany</i> , 2022, 149, 937-943.	1.2	10
22	<i>In vivo</i> and <i>in silico</i> investigations of the pegylated gold nanoparticle treatment of amyotrophic lateral sclerosis in mice. <i>New Journal of Chemistry</i> , 2022, 46, 12252-12264.	1.4	6
23	Facile metal-free visible-light-mediated chlorotrifluoromethylation of terminal alkenes. <i>Monatshefte für Chemie</i> , 2022, 153, 495-500.	0.9	5
24	Synthesis, characterization, <i>in vitro</i> antimicrobial and cytotoxic studies of Co(II), Ni(II), Cu(II), and Zn(II) complexes obtained from Schiff base ligands of 1, 2, 3, 4-tetrahydro-1H-naphthalen-1-amine. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	20
25	Unravelling the therapeutic potential of orchid plant against cancer. <i>South African Journal of Botany</i> , 2022, 150, 69-79.	1.2	15
26	Design, synthesis, anticancer and antioxidant activities of amide linked 1,4-disubstituted 1,2,3-triazoles. <i>Journal of Molecular Structure</i> , 2021, 1226, 129255.	1.8	22
27	Amalgamation of biosensors and nanotechnology in disease diagnosis: Mini-review. <i>Sensors International</i> , 2021, 2, 100089.	4.9	26
28	Photocatalytic degradation of organic dyes: Pd- $\beta$ -Al <sub>2</sub> O <sub>3</sub> and PdO- $\beta$ -Al <sub>2</sub> O <sub>3</sub> as potential photocatalysts. <i>RSC Advances</i> , 2021, 11, 6396-6406.	1.7	44
29	Natural Compounds Targeting Major Signaling Pathways in Lung Cancer. , 2021, , 821-846.		16
30	Recent Diagnostic Techniques for COVID-19. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021, , 75-94.	0.9	2
31	Phytochemistry and pharmacological activity of the genus artemisia. <i>Archives of Pharmacal Research</i> , 2021, 44, 439-474.	2.7	85
32	<i>Pinus gerardiana</i> Wallichex. D. Don. -A review. <i>Phytomedicine Plus</i> , 2021, 1, 100024.	0.9	12
33	Design, synthesis, crystal structure, molecular docking studies of some diorganotin(IV) complexes derived from the piperonylic hydrazide Schiff base ligands as cytotoxic agents. <i>Journal of Molecular Structure</i> , 2021, 1232, 129992.	1.8	19
34	Ultrasensitive nanohybrid electrochemical sensor to detect LipL32 gene of <i>Leptospira interrogans</i> . <i>Chemical Papers</i> , 2021, 75, 5453-5462.	1.0	13
35	Development and Validation of RP-HPLC Method for Simultaneous Determination of Curcumin and Quercetin in Extracts, Marketed Formulations, and Self-Nanoemulsifying Drug Delivery System. <i>Re:GEN Open</i> , 2021, 1, 43-52.	0.7	14
36	Determination of Pharmaceuticals by UV-Visible Spectrophotometry. <i>Current Pharmaceutical Analysis</i> , 2021, 17, 1156-1170.	0.3	8

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37	Milk adulterant detection: Conventional and biosensor based approaches: A review. <i>Sensing and Bio-Sensing Research</i> , 2021, 33, 100433.	2.2	43
38	Targeting cancer using phytoconstituents-based drug delivery. , 2021, , 499-508.		8
39	Nanoparticles Incorporating a Fluorescence Turn-on Reporter for Real-Time Drug Release Monitoring, a Chemoenhancer and a Stealth Agent: Poseidon's Trident against Cancer?. <i>Molecular Pharmaceutics</i> , 2021, 18, 124-147.	2.3	21
40	Microfluidic chips: recent advances, critical strategies in design, applications and future perspectives. <i>Microfluidics and Nanofluidics</i> , 2021, 25, 99.	1.0	73
41	A novel gold nanosensor and "Blockade-of-Binding" based immunochromatographic rapid antigen test kit for Zika virus. <i>Materials Letters</i> , 2021, , 131322.	1.3	5
42	Role of Nanofibers in Encapsulation of the Whole Cell. <i>International Journal of Polymer Science</i> , 2021, 2021, 1-9.	1.2	8
43	Use of Spectroscopic Methods and Their Clinical Applications in Drug Abuse: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-14.	1.8	0
44	Sonochemical Decoration of Graphene Oxide with Magnetic Fe <sub>3</sub> O <sub>4</sub> @CuO Nanocomposite for Efficient Click Synthesis of Coumarin-Sugar Based Bioconjugates and Their Cytotoxic Activity. <i>Catalysis Letters</i> , 2020, 150, 1142-1154.	1.4	20
45	Chemical composition, and antibacterial and antioxidant activities of essential oils from <i>Laggeratomentosa</i> Sch. Bip. ex Oliv. et Hiern (Asteraceae). <i>Turkish Journal of Chemistry</i> , 2020, 44, 1539-1548.	0.5	9
46	Synthesis, spectral analysis and <i>in vitro</i> cytotoxicity of diorganotin (IV) complexes derived from indole-3-butyl hydrazide. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5815.	1.7	32
47	A Comprehensive Review of Alzheimer's Association with Related Proteins: Pathological Role and Therapeutic Significance. <i>Current Neuropharmacology</i> , 2020, 18, 674-695.	1.4	18
48	DL-Valine assisted fabrication of quercetin loaded CuO nanoleaves through microwave irradiation method: Augmentation in its catalytic and antimicrobial efficiencies. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100306.	1.7	5
49	Green chemistry appended synthesis, metabolic stability and pharmacokinetic assessment of medicinally important chromene dihydropyrimidinones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126750.	1.0	8
50	The chemical constituents and diverse pharmacological importance of <i>Tinospora cordifolia</i> . <i>Heliyon</i> , 2019, 5, e02437.	1.4	148
51	Design, synthesis and biological evaluation of benzoxazolinone-containing 1,3,4-thiadiazoles as TNF- $\alpha$ inhibitors. <i>Heliyon</i> , 2019, 5, e01503.	1.4	10
52	Design, synthesis and cytotoxic evaluation of novel imidazolone fused quinazolinone derivatives. <i>Arabian Journal of Chemistry</i> , 2017, 10, 344-350.	2.3	28
53	Revolution from monometallic to trimetallic nanoparticle composites, various synthesis methods and their applications: A review. <i>Materials Science and Engineering C</i> , 2017, 71, 1216-1230.	3.8	195
54	Comparative antioxidant activity of roots and fruits of <i>Piper sylvaticum</i> Roxb. <i>Journal of Comprehensive Pharmacy</i> , 2016, 03, 132-135.	0.0	10

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55	Microwave-assisted Synthesis, Characterization of Reduced Graphene Oxide, and Its Antibacterial Activity. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2034-2038.	1.0	26
56	Antimicrobial and docking studies of (âˆ™)-catechin derivatives. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 581-585.	0.9	7
57	Microwave-assisted parallel synthesis of benzofuran-2-carboxamide derivatives bearing anti-inflammatory, analgesic and antipyretic agents. <i>Tetrahedron Letters</i> , 2014, 55, 2796-2800.	0.7	81
58	Application of LC-MS/MS for quantitative analysis of glucocorticoids and stimulants in biological fluids. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 341-348.	2.4	34
59	Synthesis and Biological Evaluation of Novel Substituted-Imidazolidine Derivatives. <i>Journal of the Korean Chemical Society</i> , 2013, 57, 227-233.	0.2	6
60	Benzimidazole bearing oxadiazole and triazolo-thiadiazoles nucleus: Design and synthesis as anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5438-5444.	1.0	86
61	Analgesic, anti-inflammatory, antipyretic and toxicological evaluation of some newer 3-methyl pyrazolone derivatives. <i>Saudi Pharmaceutical Journal</i> , 2011, 19, 115-122.	1.2	47
62	Design, synthesis and antidiabetic evaluation of oxazolone derivatives. <i>Journal of Chemical Sciences</i> , 2011, 123, 335-341.	0.7	54
63	COMPARISON OF DIURETIC ACTIVITY OF ETHANOLIC EXTRACT OF AERVA LANATA (Linn.) Juss. ex. Schult & AERVA TOMENTOSA Forsk. Family: AMARANTHACEAE. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2005, 25, 66-8.	0.3	0