

Deepak C Srivastava

List of Publications by Year in descending order

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38
papers

679
citations

623734

14
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552781

26
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38
all docs

38
docs citations

38
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of the frictional reactivation theory for faults and validity of fault-slip analysis. <i>Geology</i> , 2004, 32, 569.	4.4	131
2	Crack-propagation sequence and pore-fluid conditions during fault-bend folding in the Appalachian Valley and Ridge, central Pennsylvania. <i>Bulletin of the Geological Society of America</i> , 1990, 102, 116-128.	3.3	83
3	Favoured states of palaeostress in the Earth's crust: evidence from fault-slip data. <i>Journal of Structural Geology</i> , 2006, 28, 1051-1066.	2.3	78
4	Non-linear least squares ellipse fitting using the genetic algorithm with applications to strain analysis. <i>Journal of Structural Geology</i> , 2008, 30, 1593-1602.	2.3	41
5	Rapid analysis of fold shape using BÃ©zier curves. <i>Journal of Structural Geology</i> , 2004, 26, 1553-1559.	2.3	29
6	Geochemistry and tectonic significance of the Ongarbira metavolcanic rocks, Singhbhum District, India. <i>Precambrian Research</i> , 1994, 67, 181-206.	2.7	26
7	Brittle tectonics and pore-fluid conditions in the evolution of the Great Boundary Fault around Chittaurgarh, Northwestern India. <i>Journal of Structural Geology</i> , 2003, 25, 1713-1733.	2.3	26
8	The genetic algorithm: A robust method for stress inversion. <i>Journal of Structural Geology</i> , 2017, 94, 227-239.	2.3	22
9	A rapid method for strain estimation from flattened parallel folds. <i>Journal of Structural Geology</i> , 2006, 28, 1-8.	2.3	21
10	Shear zones as a new type of palaeostress indicator. <i>Journal of Structural Geology</i> , 1995, 17, 663-676.	2.3	20
11	Digital method for strain estimation and retrodeformation of bilaterally symmetric fossils. <i>Geology</i> , 2006, 34, 593.	4.4	17
12	Fluid evolution history of brittle-ductile shear zones on the hanging wall of Yellow Spring thrust, Valley and Ridge Province, Pennsylvania, U.S.A.. <i>Tectonophysics</i> , 1991, 198, 23-34.	2.2	16
13	The kink-band triangle: a triangular plot for paleostress analysis from kink-bands. <i>Journal of Structural Geology</i> , 1998, 20, 1579-1586.	2.3	16
14	Late brittle tectonics in a Precambrian ductile belt: evidence from brittle structures in the Singhbhum Shear Zone, eastern India. <i>Journal of Structural Geology</i> , 1995, 17, 385-396.	2.3	14
15	Late Mioceneâ€“Early Pliocene reactivation of the Main Boundary Thrust: Evidence from the seismites in southeastern Kumaun Himalaya, India. <i>Sedimentary Geology</i> , 2013, 289, 148-158.	2.1	14
16	The â€œisogon rosetteâ€“method for rapid estimation of strain in flattened folds. <i>Journal of Structural Geology</i> , 2008, 30, 444-450.	2.3	13
17	Deformation style in the Munsiri Thrust Zone: a study in the Madlakiaâ€“Munsiriâ€“Dhapa section in north-eastern Kumaun Himalaya. <i>International Journal of Earth Sciences</i> , 2013, 102, 1837-1849.	1.8	12
18	A New Approach for Paleostress Analysis from Kink Bands: Application of Faultâ€“Slip Methods. <i>Journal of Geology</i> , 1999, 107, 165-176.	1.4	10

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19	Geometrical classification of conjugate vein arrays. <i>Journal of Structural Geology</i> , 2000, 22, 713-722.	2.3	9
20	Strain estimation from flattened parallel folds: application of the Wellman method and Mohr circle. <i>Geological Magazine</i> , 2006, 143, 243-247.	1.5	9
21	Sinistral transpression along the Main Boundary Thrust in Amritpur area, Southeastern Kumaun Himalaya, India. <i>Tectonophysics</i> , 2012, 532-535, 258-270.	2.2	9
22	Rapid extraction of central vacancy by image-analysis of Fry plots. <i>Journal of Structural Geology</i> , 2012, 40, 44-53.	2.3	8
23	A comparison of the methods for objective strain estimation from the Fry plots. <i>Journal of Structural Geology</i> , 2014, 63, 76-90.	2.3	7
24	Geometrical similarity in successively developed folds and sheath folds in the basement rocks of the northwestern Indian Shield. <i>Geological Magazine</i> , 2011, 148, 171-182.	1.5	6
25	The modification of parallel folds by progressive shearing parallel to the axial plane. <i>Tectonophysics</i> , 1988, 156, 167-173.	2.2	5
26	Development of compressional and extensional structures during progressive ductile shearing, Main Central Thrust Zone, Lesser Himalaya. , 1997, , 203-217.		5
27	Strain estimation from distorted vertebrate fossils: application of the Wellman method. <i>Geological Magazine</i> , 2007, 144, 211-216.	1.5	5
28	A rapid BÃ©zier curve method for shape analysis and point representation of asymmetric folds. <i>Journal of Structural Geology</i> , 2010, 32, 685-692.	2.3	5
29	HGA: A genetic algorithm method for direct estimation of paleostress states from heterogeneous fault-slip data. <i>Journal of Structural Geology</i> , 2020, 138, 104084.	2.3	5
30	Polyphase development of chocolate-tablet boudins in the SAT zone, Kumaun Lesser Himalaya, India. <i>Journal of Structural Geology</i> , 2019, 127, 103863.	2.3	4
31	Magnetic fabrics in an apparently undeformed granite body near Main Boundary Thrust (MBT), Kumaun Lesser Himalaya, India. <i>Tectonophysics</i> , 2021, 815, 228996.	2.2	4
32	HingeInflex: a MATLAB-based method for precise selection of the hinge and the inflection points in folds. <i>Geological Magazine</i> , 2010, 147, 233-241.	1.5	3
33	Strain-partitioned dextral transpression in the Great Boundary Fault Zone around Chittaurgarh, NW Indian Shield. <i>Geological Magazine</i> , 2021, 158, 1585-1599.	1.5	3
34	Fluctuation in the fluid and tectonic pressures in the South Almora Thrust Zone (SATZ), Kumaun Lesser Himalaya; paleoseismic implications. <i>Journal of Structural Geology</i> , 2022, 160, 104631.	2.3	3
35	Strain estimation from single forms of distorted fossils â€” A computer graphics and MATLAB approach. <i>Journal of the Geological Society of India</i> , 2010, 75, 89-97.	1.1	0
36	Effect of grain packing tightness on strain estimation from the Fry method. <i>Journal of Earth System Science</i> , 2018, 127, 1.	1.3	0

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37	Status of Research in Structural Geology; the Indian Scene During the Last Five Years. Proceedings of the Indian National Science Academy, 2016, 82, .	1.4	0
38	Deformation style in the Granulite-charnockite province of South India: An example from the Kusulmalai area in Salem district, Tamil Nadu, India. Journal of Earth System Science, 1990, 99, 215-228.	1.3	0