Deepak C Srivastava

List of Publications by Year
in descending order

38 papers	679 citations	623734 14 h-index	552781 26 g-index
38 all docs	38 docs citations	38 times ranked	619 citing authors

#	Article	IF	Citations
1	Fluctuation in the fluid and tectonic pressures in the South Almora Thrust Zone (SATZ), Kumaun Lesser Himalaya; paleoseismic implications. Journal of Structural Geology, 2022, 160, 104631.	2.3	3
2	Strain-partitioned dextral transpression in the Great Boundary Fault Zone around Chittaurgarh, NW Indian Shield. Geological Magazine, 2021, 158, 1585-1599.	1.5	3
3	Magnetic fabrics in an apparently undeformed granite body near Main Boundary Thrust (MBT), Kumaun Lesser Himalaya, India. Tectonophysics, 2021, 815, 228996.	2.2	4
4	HGA: A genetic algorithm method for direct estimation of paleostress states from heterogeneous fault-slip data. Journal of Structural Geology, 2020, 138, 104084.	2.3	5
5	Polyphase development of chocolate-tablet boudins in the SAT zone, Kumaun Lesser Himalaya, India. Journal of Structural Geology, 2019, 127, 103863.	2.3	4
6	Effect of grain packing tightness on strain estimation from the Fry method. Journal of Earth System Science, 2018, 127, 1.	1.3	0
7	The genetic algorithm: A robust method for stress inversion. Journal of Structural Geology, 2017, 94, 227-239.	2.3	22
8	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
9	A comparison of the methods for objective strain estimation from the Fry plots. Journal of Structural Geology, 2014, 63, 76-90.	2.3	7
10	Deformation style in the Munsiari Thrust Zone: a study in the Madlakiaâ€“Munsiariâ€“Dhapa section in north-eastern Kumaun Himalaya. International Journal of Earth Sciences, 2013, 102, 1837-1849.	1.8	12
11	Late Mioceneâ€“Early Pliocene reactivation of the Main Boundary Thrust: Evidence from the seismites in southeastern Kumaun Himalaya, India. Sedimentary Geology, 2013, 289, 148-158.	2.1	14
12	Rapid extraction of central vacancy by image-analysis of Fry plots. Journal of Structural Geology, 2012, 40, 44-53.	2.3	8
13	Sinistral transpression along the Main Boundary Thrust in Amritpur area, Southeastern Kumaun Himalaya, India. Tectonophysics, 2012, 532-535, 258-270.	2.2	9
14	Geometrical similarity in successively developed folds and sheath folds in the basement rocks of the northwestern Indian Shield. Geological Magazine, 2011, 148, 171-182.	1.5	6
15	Strain estimation from single forms of distorted fossils â€" A computer graphics and MATLAB approach. Journal of the Geological Society of India, 2010, 75, 89-97.	1.1	0
16	A rapid BÃ©zier curve method for shape analysis and point representation of asymmetric folds. Journal of Structural Geology, 2010, 32, 685-692.	2.3	5
17	HingeInflex: a MATLAB-based method for precise selection of the hinge and the inflection points in folds. Geological Magazine, 2010, 147, 233-241.	1.5	3
18	The â€œisogon rosetteâ€•method for rapid estimation of strain in flattened folds. Journal of Structural Geology, 2008, 30, 444-450.	2.3	13

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19	Non-linear least squares ellipse fitting using the genetic algorithm with applications to strain analysis. Journal of Structural Geology, 2008, 30, 1593-1602.	2.3	41
20	Strain estimation from distorted vertebrate fossils: application of the Wellman method. Geological Magazine, 2007, 144, 211-216.	1.5	5
21	Digital method for strain estimation and retrodeformation of bilaterally symmetric fossils. Geology, 2006, 34, 593.	4.4	17
22	A rapid method for strain estimation from flattened parallel folds. Journal of Structural Geology, 2006, 28, 1-8.	2.3	21
23	Favoured states of palaeostress in the Earth's crust: evidence from fault-slip data. Journal of Structural Geology, 2006, 28, 1051-1066.	2.3	78
24	Strain estimation from flattened parallel folds: application of the Wellman method and Mohr circle. Geological Magazine, 2006, 143, 243-247.	1.5	9
25	Rapid analysis of fold shape using BÃ©zier curves. Journal of Structural Geology, 2004, 26, 1553-1559.	2.3	29
26	Test of the frictional reactivation theory for faults and validity of fault-slip analysis. Geology, 2004, 32, 569.	4.4	131
27	Brittle tectonics and pore-fluid conditions in the evolution of the Great Boundary Fault around Chittaurgarh, Northwestern India. Journal of Structural Geology, 2003, 25, 1713-1733.	2.3	26
28	Geometrical classification of conjugate vein arrays. Journal of Structural Geology, 2000, 22, 713-722.	2.3	9
29	A New Approach for Paleostress Analysis from Kink Bands: Application of Faultâ€Slip Methods. Journal of Geology, 1999, 107, 165-176.	1.4	10
30	The kink-band triangle: a triangular plot for paleostress analysis from kink-bands. Journal of Structural Geology, 1998, 20, 1579-1586.	2.3	16
31	Development of compressional and extensional structures during progressive ductile shearing, Main Central Thrust Zone, Lesser Himachal Himalaya. , 1997, , 203-217.		5
32	Late brittle tectonics in a Precambrian ductile belt: evidence from brittle structures in the Singhbhum Shear Zone, eastern India. Journal of Structural Geology, 1995, 17, 385-396.	2.3	14
33	Shear zones as a new type of palaeostress indicator. Journal of Structural Geology, 1995, 17, 663-676.	2.3	20
34	Geochemistry and tectonic significance of the Ongarbira metavolcanic rocks, Singhbhum District, India. Precambrian Research, 1994, 67, 181-206.	2.7	26
35	Fluid evolution history of brittle-ductile shear zones on the hanging wall of Yellow Spring thrust, Valley and Ridge Province, Pennsylvania, U.S.A.. Tectonophysics, 1991, 198, 23-34.	2.2	16
36	Crack-propagation sequence and pore-fluid conditions during fault-bend folding in the Appalachian Valley and Ridge, central Pennsylvania. Bulletin of the Geological Society of America, 1990, 102, 116-128.	3.3	83

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37	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
38	The modification of parallel folds by progressive shearing parallel to the axial plane. Tectonophysics, 1988, 156, 167-173.	2.2	5