Sergio Estrada

List of Publications by Year
in descending order

39 papers	**339** citations	1040056 **9** h-index	940533 **16** g-index
41 all docs	**41** docs citations	**41** times ranked	**79** citing authors

#	Article	IF	Citations
1	The Singularity Category Of An Exact Category Applied To Characterize Gorenstein Schemes. Quarterly Journal of Mathematics, 2023, 74, 1-27.	0.8	1
2	A refinement of Gorenstein flat dimension via the flat–cotorsion theory. Journal of Algebra, 2021, 567, 346-370.	0.7	9
3	QUILLEN EQUIVALENT MODELS FOR THE DERIVED CATEGORY OF FLATS AND THE RESOLUTION PROPERTY. Journal of the Australian Mathematical Society, 2021, 110, 302-320.	0.4	1
4	Gorenstein weak global dimension is symmetric. Mathematische Nachrichten, 2021, 294, 2121-2128.	0.8	8
5	Balanced pairs, cotorsion triplets and quiver representations. Proceedings of the Edinburgh Mathematical Society, 2020, 63, 67-90.	0.3	10
6	Periodic Modules and Acyclic Complexes. Algebras and Representation Theory, 2020, 23, 1861-1883.	0.7	17
7	Characterizations of Ding Injective Complexes. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 2385-2398.	0.9	4
8	Acyclic Complexes and Gorenstein Rings. Algebra Colloquium, 2020, 27, 575-586.	0.2	2
9	Phantom covering ideals in categories without enough projective morphisms. Journal of Algebra, 2020, 562, 94-114.	0.7	0
10	The projective stable category of a coherent scheme. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2019, 149, 15-43.	1.2	6
11	Quillen equivalences for stable categories. Journal of Algebra, 2018, 501, 130-149.	0.7	8
12	FP_n-Injective, FP_n-Flat Covers and Preenvelopes, and Gorenstein AC-Flat Covers. Algebra Colloquium, 2018, 25, 319-334.	0.2	4
13	Envelopes and covers for groups. Groups, Geometry, and Dynamics, 2018, 12, 107-120.	0.5	0
14	Gorenstein Projective Precovers. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.8	8
15	Cartesian modules over representations of small categories. Advances in Mathematics, 2017, 310, 557-609.	1.1	9
16	Pure exact structures and the pure derived category of a scheme. Mathematical Proceedings of the Cambridge Philosophical Society, 2017, 163, 251-264.	0.4	8
17	Totally acyclic complexes. Journal of Algebra, 2017, 470, 300-319.	0.7	12
18	Gorenstein injective sheaves. Frontiers of Mathematics in China, 2017, 12, 87-95.	0.7	0

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19	Gorenstein flat and projective (pre)covers. Publicationes Mathematicae, 2017, 91, 111-121.	0.2	6
20	A Zariski-local notion of F-total acyclicity for complexes of sheaves. Quaestiones Mathematicae, 2017, 40, 197-214.	0.6	3
21	Pure Injective and Absolutely Pure Sheaves. Proceedings of the Edinburgh Mathematical Society, 2016, 59, 623-640.	0.3	11
22	Gorenstein Projective Resolvents. Communications in Algebra, 2016, 44, 3989-4000.	0.6	0
23	Purity in Categories of Sheaves. Trends in Mathematics, 2016, , 59-62.	0.1	0
24	Locally finitely presented categories with no flat objects. Forum Mathematicum, 2015, 27, .	0.7	8
25	The Derived Category of Quasi-Coherent Modules on an Artin Stack Via Model Structures. International Mathematics Research Notices, 2015, 2015, 6411-6432.	1.0	3
26	Descent of restricted flat Mittag–Leffler modules and generalized vector bundles. Proceedings of the American Mathematical Society, 2014, 142, 2973-2981.	0.8	5
27	Covering ideals of morphisms and module representations of the quiver. Journal of Pure and Applied Algebra, 2014, 218, 1953-1963.	0.6	13
28	A Lazard-Like Theorem for Quasi-Coherent Sheaves. Algebras and Representation Theory, 2013, 16, 1193-1205.	0.7	1
29	PURE-INJECTIVES RELATIVE TO A COTORSION PAIR: APPLICATIONS. Glasgow Mathematical Journal, 2013, 55, 59-68.	0.3	0
30	Balance with unbounded complexes. Bulletin of the London Mathematical Society, 2012, 44, 439-442.	0.8	10
31	Model category structures arising from Drinfeld vector bundles. Advances in Mathematics, 2012, 231, 1417-1438.	1.1	22
32	Gorenstein projective and flat complexes over noetherian rings. Mathematische Nachrichten, 2012, 285, 834-851.	0.8	7
33	Quillen's small object argument in the category of firm modules. Journal of Algebra, 2008, 319, 2518-2532.	0.7	2
34	Group convolutional codes. Advances in Mathematics of Communications, 2008, 2, 83-94.	0.7	7
35	Rings with finite Gorenstein global dimension. Mathematica Scandinavica, 2008, 102, 45.	0.2	2
36	Monomial Algebras over Infinite Quivers. Applications toN-Complexes of Modules. Communications in Algebra, 2007, 35, 3214-3225.	0.6	15

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37	Gorenstein quivers. Archiv Der Mathematik, 2007, 88, 199-206.	0.5	10
38	Relative homological algebra in the category of quasi-coherent sheaves. Advances in Mathematics, 2005, 194, 284-295.	1.1	66
39	Projective Representations of Quivers #. Communications in Algebra, 2005, 33, 3467-3478.	0.6	27