

Kevin Coulembier

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Integration in superspace using distribution theory. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 395206.	2.1	23
2	Orthogonality of Hermite polynomials in superspace and Mehler type formulae. Proceedings of the London Mathematical Society, 2011, 103, 786-825.	1.3	16
3	Primitive ideals, twisting functors and star actions for classical Lie superalgebras. Journal Fur Die Reine Und Angewandte Mathematik, 2016, 2016, 207-253.	0.9	16
4	The periplectic Brauer algebra. Proceedings of the London Mathematical Society, 2018, 117, 441-482.	1.3	16
5	Some homological properties of category \mathcal{O} . III. Advances in Mathematics, 2015, 283, 204-231.	1.1	15
6	Conformal symmetries of the super Dirac operator. Revista Matematica Iberoamericana, 2015, 31, 373-410.	0.9	14
7	Tensor ideals, Deligne categories and invariant theory. Selecta Mathematica, New Series, 2018, 24, 4659-4710.	1.0	12
8	The periplectic Brauer algebra II: Decomposition multiplicities. Journal of Combinatorial Algebra, 2018, 2, 19-46.	0.3	11
9	On a class of tensor product representations for the orthosymplectic superalgebra. Journal of Pure and Applied Algebra, 2013, 217, 819-837.	0.6	10
10	The Primitive Spectrum and Category $\hat{\mathcal{A}}$ for the Periplectic Lie Superalgebra. Canadian Journal of Mathematics, 2020, 72, 625-655.	0.6	10
11	Tilting modules for classical Lie superalgebras. Journal of the London Mathematical Society, 2021, 103, 870-900.	1.0	10
12	Bernstein-Gelfand-Gelfand resolutions for basic classical Lie superalgebras. Journal of Algebra, 2014, 399, 131-169.	0.7	9
13	Pizzetti Formulae for Stiefel Manifolds and Applications. Letters in Mathematical Physics, 2015, 105, 1333-1376.	1.1	9
14	Dualities and derived equivalences for category \mathcal{O} . Israel Journal of Mathematics, 2017, 219, 661-706.	0.8	9
15	Homological invariants in category \mathcal{O} for the general linear superalgebra. Transactions of the American Mathematical Society, 2017, 369, 7961-7997.	0.9	9
16	q -deformed harmonic and Clifford analysis and the q -Hermite and Laguerre polynomials. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 115202.	2.1	8
17	Some homological properties of category \mathcal{O} . IV. Forum Mathematicum, 2017, 29, 1083-1124.	0.7	8
18	The classification of blocks in BGG category \mathcal{O} . Mathematische Zeitschrift, 2020, 295, 821-837.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Translated simple modules for Lie algebras and simple supermodules for Lie superalgebras. <i>Mathematische Zeitschrift</i> , 2021, 297, 255-281.	0.9	8
20	Monoidal abelian envelopes. <i>Compositio Mathematica</i> , 2021, 157, 1584-1609.	0.8	8
21	The Primitive Spectrum of a Basic Classical Lie Superalgebra. <i>Communications in Mathematical Physics</i> , 2016, 348, 579-602.	2.2	7
22	Borelic pairs for stratified algebras. <i>Advances in Mathematics</i> , 2019, 345, 53-115.	1.1	7
23	Tannakian categories in positive characteristic. <i>Duke Mathematical Journal</i> , 2020, 169, .	1.5	7
24	BOTTâ€™BORELâ€™WEIL THEORY AND BERNSTEINâ€™GELâ€™TMFANDâ€™GELâ€™TMFAND RECIPROCITY FOR LIE SUPERALGEBRAS. <i>Transformation Groups</i> , 2016, 21, 681-723.	0.7	5
25	The primitive spectrum for $\mathfrak{gl}(m n)$. <i>Tohoku Mathematical Journal</i> , 2018, 70, .	0.2	5
26	Extension Fullness of the Categories of Gelfand-Zeitlin and Whittaker Modules. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 2015, .	0.5	4
27	On structure and TKK algebras for Jordan superalgebras. <i>Communications in Algebra</i> , 2018, 46, 684-704.	0.6	4
28	The Periplectic Brauer Algebra III: The Deligne Category. <i>Algebras and Representation Theory</i> , 2021, 24, 993-1027.	0.7	4
29	On an Infinite Limit of BCG Categories O. <i>Moscow Mathematical Journal</i> , 2019, 19, 655-693.	0.4	4
30	Joseph Ideals and Harmonic Analysis for. <i>International Mathematics Research Notices</i> , 2013, .	1.0	3
31	Some homological properties of ind-completions and highest weight categories. <i>Journal of Algebra</i> , 2020, 562, 341-367.	0.7	3
32	Polynomial Realisations of Lie (Super)Algebras and Bessel Operators. <i>International Mathematics Research Notices</i> , 0, , rnw112.	1.0	2
33	Ringel duality and Auslanderâ€™Dlabâ€™Ringel algebras. <i>Journal of Pure and Applied Algebra</i> , 2018, 222, 3831-3848.	0.6	2
34	Freely adjoining monoidal duals. <i>Mathematical Structures in Computer Science</i> , 2021, 31, 748-768.	0.6	2
35	Homological algebra for $\mathfrak{osp}(1/2n)$. <i>Springer INdAM Series</i> , 2014, , 19-34.	0.5	2
36	Representation Theory of a Semisimple Extension of the Takiff Superalgebra. <i>International Mathematics Research Notices</i> , 2022, 2022, 14454-14495.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Indecomposable manipulations with simple modules in category \mathcal{O} . Mathematical Research Letters, 2019, 26, 447-499.	0.5	1
38	The Orthosymplectic Lie Supergroup in Harmonic Analysis. , 2010, , .		0
39	Operator Identities in q-Deformed Clifford Analysis. Advances in Applied Clifford Algebras, 2011, 21, 677-696.	1.0	0
40	THE -CENTRE AND GRADABLE DERIVED EQUIVALENCES. Journal of the Australian Mathematical Society, 2018, 105, 289-315.	0.4	0
41	Ringel Duals of Brauer Algebras via Super Groups. International Mathematics Research Notices, 2021, 2021, 3512-3542.	1.0	0
42	The Fourier Transform on Quantum Euclidean Space. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2011, , .	0.5	0
43	The Joseph Ideal for $\mathfrak{sl}(m n)$. Springer Proceedings in Mathematics and Statistics, 2016, , 489-499.	0.2	0