# Arts and crafts as adjuncts to STEM education to foster students

Citation Report

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | Antecedent and concurrent psychosocial skills that support high levels of achievement within talent domains. High Ability Studies, 2015, 26, 195-210. | 1.9 | 66 |
| 2 | Giftedness and Talent in the 21st Century. , 2016, , . | | 35 |
| 3 | The creative training in the visual arts education. Thinking Skills and Creativity, 2016, 19, 73-87. | 3.5 | 24 |
| 4 | Expanding Women's Participation in STEM. Journal of Career Assessment, 2017, 25, 571-584. | 2.5 | 46 |
| 5 | Gathering STE(A)M: Policy, curricular, and programmatic developments in arts-based science, technology, engineering, and mathematics education Introduction to the special issue of <i>Arts Education Policy Review: STEAM Focus</i>. Arts Education Policy Review, 2018, 119, 73-76. | 1.4 | 23 |
| 6 | Integrating the Arts and STEM for Gifted Learners. Roeper Review, 2018, 40, 108-120. | 0.8 | 12 |
| 7 | Guitars and Makerspace: Examining the Experience of First Nations Students \| Guitares et laboratoires ouverts : examen de l'expérience d'élèves des Premières Nations. Canadian Journal of Learning and Technology, 2018, 43, . | 0.6 | 1 |
| 8 | The butterfly brigade: MakeHer take flight and bring making into lower secondary school science. Physics Education, 2019, 54, 055007. | 0.5 | 3 |
| 9 | Correlation between tools for thinking; arts, crafts, and design avocations; and scientific achievement among STEMM professionals. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1910-1917. | 7.1 | 22 |
| 10 | Modern Literature on Polymathy: A Brief Review. SSRN Electronic Journal, 2019, , . | 0.4 | 1 |
| 11 | Is the relationship between art and mathematics addressed thoroughly in Spanish secondary school textbooks?. Journal of Mathematics and the Arts, 2019, 13, 25-47. | 0.2 | 3 |
| 12 | The Role of Art Practice in Elementary School Science. Science and Education, 2019, 28, 153-175. | 2.7 | 13 |
| 13 | Mobile Brain-Body Imaging and the Neuroscience of Art, Innovation and Creativity. Springer Series on Bio- and Neurosystems, 2019, , . | 0.2 | 9 |
| 14 | STEAM in practice and research: An integrative literature review. Thinking Skills and Creativity, 2019, 31, 31-43. | 3.5 | 223 |
| 15 | Triangulating Creativity: Examining Discrepancies Across Self-Rated, Quasi-Expert-Rated and Verbalized Creativity in Arts-based Learning. Journal of Creative Behavior, 2020, 54, 948-963. | 2.9 | 8 |
| 16 | Low base rates and a high IQ selection threshold prevented Terman from identifying future Nobelists. Intelligence, 2020, 82, 101488. | 3.0 | 3 |
| 17 | Arts and crafts as an educational strategy and coping mechanism for Republic of Korea and United States parents during the COVID-19 pandemic. International Review of Education, 2020, 66, 715-735. | 2.1 | 29 |
| 18 | Relationship of creativity and critical thinking to pattern recognition among Singapore private school students. Journal of Educational Research, 2020, 113, 59-76. | 1.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 19 | Ballerinas as analysts: Former ballet dancersâ€™ transfer of 21st century skills to careers as data analysts. Industry and Higher Education, 2022, 36, 138-150. | 2.2 | 2 |
| 20 | Research on Artificial Intelligence Interaction in Computer-Aided Arts and Crafts. Mobile Information Systems, 2021, 2021, 1-14. | 0.6 | 9 |
| 21 | Major and recent trends in creativity research: An overview of the field with the aid of computational methods. Creativity and Innovation Management, 2021, 30, 475-497. | 3.3 | 13 |
| 22 | Art and higher education for environmental sustainability: a matter of emergence?. International Journal of Sustainability in Higher Education, 2022, 23, 728-747. | 3.1 | 8 |
| 23 | Teacher Suggestion Feedback Facilitates Creativity of Students in STEAM Education. Frontiers in Psychology, 2021, 12, 723171. | 2.1 | 9 |
| 24 | Effects of transdisciplinary STEAM lessons on student critical and creative thinking. Journal of Educational Research, 2021, 114, 445-457. | 1.6 | 12 |
| 25 | Steamsational Writing. , 2022, , 858-875. | | 0 |
| 26 | Construction of STEAM Curriculum Model and Case Design in Kindergarten. American Journal of Educational Research, 2019, 7, 485-490. | 0.3 | 7 |
| 27 | ART AND ESP INTEGRATION IN TEACHING UKRAINIAN ENGINEERS. NovÃ¬tnÃ¢ OsvÃ¬ta, 2019, 6, 68-75. | 0.4 | 2 |
| 28 | Navigating Talent Development by Fulfilling Gaps Between Gifted Potential and Performance. , 2016, , 235-254. | | 0 |
| 29 | Effects of STEAM Lessons Regarding Environmental Remediation on Elementary Students' Environmental Literacy, CreativeProblem-Solving Ability and Affective Domain. Korean Journal of Environmental Education, 2016, 29, 187-204. | 0.1 | 1 |
| 30 | True Integration; the MoBI Hackathon for STEM Informing Arts and Arts Informing STEM. Springer Series on Bio- and Neurosystems, 2019, , 157-160. | 0.2 | 0 |
| 31 | InvestigaciÃ³n BibliomÃ©trica en Aprendizaje Mediado por TecnologÃa con Alumnado de Altas Capacidades1,. Revista Brasileira De Educacao Especial, 2020, 26, 229-246. | 0.4 | 2 |
| 32 | Steamsational Writing. Advances in Educational Technologies and Instructional Design Book Series, 2020, , 175-191. | 0.2 | 0 |
| 33 | Efeitos do Uso de Recursos de Tecnologia Assistiva para Promover IndependÃªncia em Atividades de Vida DiÃ¡ria para uma CrianÃ§a com Paralisia Cerebral. Revista Brasileira De Educacao Especial, 2020, 26, 35-50. | 0.4 | 1 |
| 34 | Oceans of Inspiration: A Marine Based STEAM Project. European Journal of STEM Education, 2021, 6, 15. | 1.5 | 2 |
| 36 | Polymathy Among Nobel Laureates As a Creative Strategyâ€" The Qualitative and Phenomenological Evidence. Creativity Research Journal, 2023, 35, 116-142. | 2.6 | 3 |
| 37 | Improving Access to STEM for Girls of Color through Community Programs. , 0, , . | | 1 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 38 | The effect of STEAM education with tales on problem solving and creativity skills. European Early Childhood Education Research Journal, 2023, 31, 243-258. | 1.9 | 8 |
| 39 | Towards a rationale for science-art integration as a transdisciplinary signature pedagogy. Cogent Education, 2022, 9, . | 1.5 | 4 |
| 40 | Development of creative thinking patterns via math and music. Thinking Skills and Creativity, 2023, 47, 101196. | 3.5 | 5 |
| 41 | The effects of art design courses in higher vocational colleges based on C-STEAM. Frontiers in Psychology, 0, 13, . | 2.1 | 1 |
| 42 | Connecting play to STEM concepts, practices and processes: review of research on play within STEM learning environments. , 2023, , 164-176. | | 0 |
| 43 | Tecnologia da InformaÃ§Ã£o, educaÃ§Ã£o para superdotados e desenvolvimento de talentosos: uma revisÃ£o da literatura de 2010 a 2021. Revista EducaÃ§Ã£o Especial, 0, , . | 0.2 | 0 |
| 44 | Reviewing Constructivist Theories to Help Foster Creativity in Programming Education. , 2022, , . | | 4 |
| 45 | Konstruksi Model Pembelajaran STEAM (Science, Technology, Engineering, Arts, and Mathematics) dengan Pendekatan Design Thinking pada Materi Energi Terbarukan. JINOP (Jurnal Inovasi Pembelajaran), 2022, 8, . | 0.3 | 0 |
| 46 | Â«Î¯Î¹Î¹‰ïƒÎ¹Î½Œïƒ„Î¹„Î± Î°Î±Î¹ Î°Î±Î»Î¹Î¹„,Î¼Ï‡Î½Î¹Î®ïÏ€Î®ïƒ„Î¹Î®ïÏ€Î®ïƒ„,Î¼ ïÎ¹†Î¹Î½ ïÎ¹†Î¹†Î¹±Î¹® Î¼Ï€Î¿Ï‡Î®: Î"Î¹Î¼Î¹Î¿Ï…Î¹³Î¹± Î°Î¹Î¹ÔºÐ¿Î¹„Î±Î¹½ŒÏ·ïƒÎ· Ï€Î¼ | | |
| 47 | A bibliometric analysis of the global landscape on STEM education (2004-2021): towards global distribution, subject integration, and research trends. Asia Pacific Journal of Innovation and Entrepreneurship, 2022, 16, 171-203. | 3.2 | 12 |
| 48 | A Framework for Incorporating the â€œLearning How to Learnâ€•Approach in Teaching STEM Education. Education Sciences, 2023, 13, 1. | 2.6 | 6 |
| 49 | CiteSpace-based global science, technology, engineering, and mathematics education knowledge mapping analysis. Frontiers in Psychology, 0, 13, . | 2.1 | 4 |
| 50 | Systematic Analysis of Research Trends in STEAM/STEM Education Based on Big Data. , 2023, , 155-168. | | 0 |
| 51 | How transdisciplinary integration, creativity and student motivation interact in three STEAM projects for gifted education?. Gifted Education International, 0, , 026142942311677. | 1.8 | 0 |
| 52 | Challenging the Dominant Grand Narrative in Global Education and Culture. Ecology and Ethics, 2023, , 309-326. | 1.0 | 4 |
| 53 | A Normal Universityâ€™s Disciplinary Instruction: A Close Look at Book Lending. Creative Education, 2023, 14, 1637-1668. | 0.4 | 0 |
| 54 | â€œI Could Feel a Kind of Keen Air of Excitementâ€• Using IVR to Foster Girlsâ€™ Confidence, Interest, and Engagement in STEAM. Journal for STEM Education Research, 0, , . | 1.5 | 1 |
| 55 | Ã–zel Yetenekli Ã–ÄŸrencilerde STEM/STEAM EÄŸitimi Konulu Makalelerin Bibliyometrik Analizi. UluslararasÄ± TÃ¼rk EÄŸitim Bilimleri Dergisi, 2023, 2023, 275-308. | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 56 | STEAM based music activity example for gifted students. Lumat, 2023, 11, . | 0.5 | 1 |
| 57 | The Contribution of Technology to Understanding Shared Phenomena in Math and Music. , 2023, 30, 265-270. | | 1 |
| 58 | Balancing disciplinary and integrated learning: How exemplary <scp>STEM</scp> teachers negotiate tensions of practice. School Science and Mathematics, 0, , . | 0.9 | 0 |
| 59 | An intelligent tutoring system for programming education based on informative tutoring feedback: system development, algorithm design, and empirical study. Interactive Technology and Smart Education, 0, , . | 5.6 | 0 |
| 60 | Development of creative thinking via fractions and rhythm. Thinking Skills and Creativity, 2024, 52, 101514. | 3.5 | 0 |